

E-AGM SERIES—Long Life Standby Batteries

E-AGM-200 (2V200AH)



Specifications	
Nominal Voltage	2V
Nominal Capacity	200Ah (8 Hr to 1.75 V/cell @ 77°F)
Dimensions	Length 3.72 inches
	Width 7.26 inches
	Height (with Terminal) 14.65 inches
Weight	29.7 lbs.
Container Material	ABS (V0 flame retardant case and cover optional)
Hardware / Torque Rating	M8 / 98–130 in. lbs.
Preferred Operating Temp.	68–77 °F
Operating Temp Range	Discharge: –15~55°C (5~130°F)
	Charge: 0~40°C (32~104°F)
	Storage: –15~40°C (32~104°F)
Internal Resistance	Approx. 0.67 mOhms
Max. Discharge Current	1600A (5s)
Float Voltage	2.25V at 77°F
Equalize Voltage	2.35V at 77°F
Max. Charge Current Allowed	40 Amps
Self Discharge	The AGM series batteries may be stored for up to 6 months at 25°C (77°F) and then a freshening charge is required. For higher temperatures the time interval will be shorter.

Applications

- Telecommunications
- Utility
- UPS
- Oil and gas
- Railways



Constant Current Discharge (Amperes) at 25°C (77°F)											
F.V/Time	15 min	30 min	45 min	1h	2h	3h	4h	5h	6h	8h	10h
1.85 V/cell	193	141	115	95.4	60.4	47.7	39.6	34.0	29.9	24.0	20.0
1.80 V/cell	218	158	127	106	66.9	50.3	40.9	35.2	30.9	24.8	20.6
1.75 V/cell	231	169	136	113	69.9	51.9	42.4	36.0	31.7	25.2	21.0
1.70 V/cell	244	182	143	118	72.5	53.5	43.6	37.1	32.2	25.5	21.3
1.65 V/cell	260	198	152	124	75.2	55.1	44.2	37.4	32.6	26.0	21.7
1.60 V/cell	279	207	159	131	77.0	56.5	45.3	38.3	33.1	26.4	21.9

Constant Current Discharge (Watts) at 25°C (77°F)											
F.V/Time	15 min	30 min	45 min	1h	2h	3h	4h	5h	6h	8h	10h
1.85 V/cell	367	289	238	202	135	102	85.7	72.5	61.9	48.5	40.9
1.80 V/cell	403	325	262	222	147	108	89.1	76.0	65.3	50.2	42.6
1.75 V/cell	423	337	270	228	149	112	92.1	78.2	67.3	51.2	43.2
1.70 V/cell	439	348	280	237	155	116	94.1	80.2	68.9	53.5	43.9
1.65 V/cell	455	357	293	249	159	121	97.4	82.0	70.3	54.6	38.6
1.60 V/cell	475	378	314	269	174	129	102	85.0	72.6	56.7	46.3

